<table>
<tr><th>Pin No.</th><th>In/Out</th><th>Port Name</th><th>Function</th></tr>
<tr><td>1</td><td>I</td><td>P.FAIL.IN(L)</td><td>Power failure detection input.</td></tr>
<tr><td>2</td><td>O</td><td>SP(L)</td><td>This port supplies low during SP mode.</td></tr>
<tr><td>3</td><td>I</td><td>S.REEL.PULSE</td><td>Supply reel pulse input.</td></tr>
<tr><td>4</td><td>I</td><td>T.REEL.PULSE</td><td>Take-up reel pulse input.</td></tr>
<tr><td>5</td><td>I</td><td>I.R.</td><td>Remote Controller pulse input.</td></tr>
<tr><td>6</td><td>O</td><td>OSD REC1</td><td>OSD REC control output.</td></tr>
<tr><td>7</td><td>O</td><td>OSD REC1</td><td>OSD REC control output.</td></tr>
<tr><td>8</td><td>O</td><td>FM MUTE(H)</td><td>Hi-Fi audio mute control output.</td></tr>
<tr><td>9</td><td>O</td><td>VIDEO EE(H)</td><td>EE:Low
VV:High</td></tr>
<tr><td>10</td><td>O</td><td>FL DRV CS(L)</td><td>FIP driver chip selection.</td></tr>
<tr><td>11</td><td>O</td><td>SQ PB(H)</td><td>This port is high during S-VHS playback mode.</td></tr>
<tr><td>12</td><td>O</td><td>VTR(H)/TV(L)</td><td>VTR/TV mode switching control.</td></tr>
<tr><td>13</td><td>O</td><td>CH H/L</td><td>Channel switching control.</td></tr>
<tr><td>14</td><td>O</td><td>IC.CLK</td><td>FIP driver serial clock output.</td></tr>
<tr><td>15</td><td>I</td><td>IC.LSN</td><td>FIP driver serial data input.</td></tr>
<tr><td>16</td><td>O</td><td>IC.TLK</td><td>FIP driver serial data output.</td></tr>
<tr><td>17</td><td>O</td><td>IIC.TALK/LSN</td><td>IIC serial data in/output</td></tr>
<tr><td>18</td><td>O</td><td>IIC.CLK</td><td>IIC serial clock output</td></tr>
<tr><td>19</td><td>I</td><td>N.C.</td><td>Not used</td></tr>
<tr><td>20</td><td>O</td><td>HALF WAVE(H)</td><td>Capstan torque switching control.
1. FF/REW Mode
Capstan rotation speed is 1300 rpm or more without VHS-C cassette:High
Capstan rotation speed is less than 1300 rpm without VHS-C cassette:High impedance
VHS-C cassette:High imedance
2. Except FF/REW Mode:High impedance</td></tr>
<tr><td>21</td><td>O</td><td>CURRENT LIMIT</td><td>Capstan motor current limitter output.</td></tr>
<tr><td>22</td><td>O</td><td>CAP R/F</td><td>Capstan rotation direction control.
Reverse : High
Forward : Low</td></tr>
<tr><td>23</td><td>O</td><td>VIDEO H.SW</td><td>Video head switching signal output.</td></tr>
<tr><td>24</td><td>O</td><td>ART V/H/N</td><td>This port supplies artificial vertical sync signal to stabilize the picture in special playback mode.</td></tr>
<tr><td>25</td><td>I</td><td>RESET(L)</td><td>This port is low during reset.</td></tr>
<tr><td>26</td><td>O</td><td>D.A.REC(H)</td><td>Audio signal recording on/off control.</td></tr>
<tr><td>27</td><td>O</td><td>D.REC(H)</td><td>Video signal recording on/off control.</td></tr>
<tr><td>28</td><td>O</td><td>CUR. EMPH(H)</td><td>This port supplies high during a certain time from starting the recording.
<table>
<tr><th>REC MODE</th><th>OUTPUT TIMING</th><th>REC MODE</th><th>OUTPUT TIMING</th></tr>
<tr><td>NTSC 2H</td><td>6 sec</td><td>PAL 3H</td><td>9 sec</td></tr>
<tr><td>NTSC 4H</td><td>12 sec</td><td>---</td><td>---</td></tr>
<tr><td>NTSC 6H</td><td>18 sec</td><td>PAL 6H</td><td>18 sec</td></tr>
</table></td></tr>
<tr><td>29</td><td>O</td><td>128Hz</td><td>Oscillator output for main clock adjustment.</td></tr>
<tr><td>30</td><td>O</td><td>FULL ERASE(L)</td><td>Full erase on/off control.
ON:Low
OFF:High</td></tr>
<tr><td>31</td><td>O</td><td>BIAS(L)</td><td>Audio signal recording on/off control.</td></tr>
<tr><td>32</td><td>O</td><td>A H SW</td><td>Audio head switching signal output.</td></tr>
<tr><td>33</td><td>O</td><td>CAP ET</td><td>Capstan torque control.</td></tr>
<tr><td>34</td><td>O</td><td>CYL ET</td><td>Cylinder torque control.</td></tr>
<tr><td>35</td><td>I</td><td>N.C.</td><td>Not used</td></tr>
</table>